

PATENT APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Inventor(s):** Lee Goodman

**Appln. No.:** 09/855,103

**Filing Date:** 05/14/2001

**Title:** Service Level Agreements Based on  
Objective Voice Quality Testing for  
Voice Over IP (VoIP) Networks

**Docket No.:** 74120-301389

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

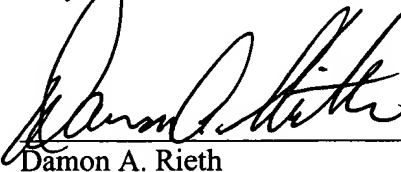
**INFORMATION DISCLOSURE STATEMENT**

In compliance with the duty imposed by 37 C.F.R. 1.56, and in accordance with C.F.R. sections 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached PTO SB/08 form(s) is respectfully requested. The filing of this information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is construed to be, prior art to the present application. Pursuant to the provisions of M.P.E.P. 609, Applicants further request that a copy of the PTO SB/08 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Dated: June 12, 2006

Respectfully Submitted,

By:



Damon A. Rieth  
FAEGRE & BENSON LLP  
Customer No. 35657

Substitute for form 1449A/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

<i>Application Number</i>	09/855,103
<i>Filing Date</i>	05/14/2001
<i>First Named Inventor</i>	Lee Goodman
<i>Art Unit</i>	2661
<i>Examiner Name</i>	PIZARRO, Ricardo M.
<i>Attorney Docket Number</i>	74120-301389

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-6,259,691	07-10-2001	Naudus	
	2	US- 6,275,797	08-14-2001	Randic	
	3	US- 6,370,120	04-09-2002	Hardy	
	4	US- 6,404,764	06-11-2002	Jones et al.	
	5	US- 6,437,229	08-20-2002	Nobumoto	
	6	US- 6,477,492	11-05-2002	Connor	
	7	US- 6,570,969	05-27-2003	Albal et al.	
	8	US- 6,700,953	03-02-2004	Maurer et al.	
	9	US- 6,707,827	03-16-2004	Shaffer et al.	
	10	US- 6,718,296	04-06-2004	Reynolds et al.	
	11	US- 6,721,541	04-13-2004	Kingsley	
	12	US- 6,778,496	08-17-2004	Meempat et al.	
	13	US- 6,834,040	12-21-2004	Tomberlin	
	14	US- 6,862,298	03-01-2005	Smith et al.	
	15	US- 6,876,647	04-05-2005	Celi, Jr.	
	16	US- 6,940,820	09-06-2005	Fang	
	17	US- 2002/0143979	10-03-2002	Douceur et al.	
	18	US- 2002/0167936	11-14-2002	Goodman	
	19	US- 2003/0009306	01-09-2003	Fang	
		US-			

[illegible]Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	09/855,103
Filing Date	05/14/2001
First Named Inventor	Lee Goodman
Art Unit	2661
Examiner Name	Pizarro, Ricardo M.
Attorney Docket Number	74120-301389

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	AUTHOR UNKNOWN; "OmniQ Voice Quality Management System"; 12 pp; BRO-OMNIQ, Revision A; RADCOM, 2001	
	2	CONWAY, A.E., "A Passive Method for Monitoring Voice-Over-IP Call Quality with ITU-T Objective Speech Quality Measurement Methods"; 28 April - 2 May 2002; Communications, 2002; ICC 2002; IEEE International Conference, Vol. 4 pp. 2583-2586	
	3	DE, B.S. et al., "End-to-end Voice Over IP Testing and the Effect of QoS on Signaling"; 16-18 March 2003; System Theory, 2003; Proceedings of the 35 <sup>th</sup> Southeastern Symposium; pp. 142-147	
	4	RIX, A.W. et al.; "The Perceptual Analysis Measurement System for Robust End-to-End Speech Quality Assessment"; 5-9 June 2000; Acoustics; Speech and Signal Processing, 2000; ICASSP 00; Proceedings; 2000 IEEE International Conference, pp. 1-4; Vol. 3	
	5	RIX, A.W. et al; "Perceptual Evaluation of Speech Quality (PESQ) A New Method for Speech Quality Assessment of Telephone Networks and Codecs"; 7-11 May 2001; Acoustics, Speech and Signal Processing, 2001; Proceedings; 2001 IEEE International Conference, Vol. 2, pp. 749-752	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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